

FIGURE 1

20
22 ~<person>
24 ~<name> John </name>
26 ~<surname> Smith </surname>
28 ~</person>

FIGURE 2

40
42 ~<schema>
44 ~<element name="person">
46 ~<complex type>
48 ~<sequence>
50 ~<element name="name">
52 ~<element name="surname">
54 ~</sequence>
56 ~</complex type>
58 ~</element name>
60 ~</schema>

FIGURE 3

70
72 ~ class Person {
74 ~ String name;
76 ~ String surname;
78 ~ String getName() { }
80 ~ String getSurname() { }
82 ~ void setName(String newName) { }
84 ~ void setSurname(String newSurname) { }
}

FIGURE 4

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```
92 ~ class Person {
94 ~   static class Name extends SimpleTypeString {
96 ~     public static String name() { return "name"; }
98 ~     public Name(String v) { super (v); }
   }
100 ~   static class Surname extends SimpleTypeString {
102 ~     public static String name() { return "surname"; }
104 ~     public Surname(String v) { super (v); }
   }
106 ~   protected void structure() {
108 ~     addParticle(new SequenceParticle(){
110 ~       protected void structure() {
112 ~         addParticle(new ElementParticle("name"));
114 ~         addParticle(new ElementParticle("surname"));
       }
     });
   }
}
```

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Figure 5

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122 ~

124 ~

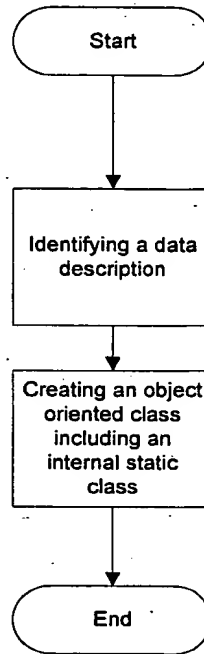


Figure 6

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